



Subject: Grade 7 Natural Sciences

Topic: Acids, bases and neutrals

Total: 29 Marks

Name: _____

Date: _____

Question 1: Text Input

3 marks

If sugar is dissolved in distilled water, litmus paper will show that the solution is

Question 2: Text Input

3 marks

A base that is soluble in water is called an

Question 3: Text Input

3 marks

An ... can be described as a dye that is one colour in an acid and another colour in a base.

Question 4: True/False

2 marks

It is possible to distinguish a ripe peach from an unripe one through taste.

TRUE

FALSE

Question 5: Multiple Choice

4 marks

Which one of the following is usually basic?

- | | |
|----------|-------------------|
| A | lemon juice |
| B | fizzy drinks |
| C | vinegar |
| D | household cleaner |
-

Question 6: Multiple Choice

4 marks

Pick out the base in the list below.

- | | |
|----------|---------------------|
| A | vinegar |
| B | bicarbonate of soda |
| C | lemon juice |
| D | indicators |
-

Question 7: True/False

2 marks

All chemical substances are either basic or acidic.

- | | |
|-------------|--------------|
| TRUE | FALSE |
|-------------|--------------|
-

Question 8: True/False

2 marks

Red litmus paper remains red in a neutral solution.

- | | |
|-------------|--------------|
| TRUE | FALSE |
|-------------|--------------|
-

This image refers to question: 9



Question 9: Multiple Choice

4 marks

The attached graphic shows a substance that is tested with litmus paper. Which one of the following statements is correct?

- | | |
|----------|--|
| A | Red litmus paper turned blue because the substance is an acid. |
| B | Red litmus paper turned blue because the substance is a base. |
| C | The litmus paper shows both red and blue because the substance is neutral. |
| D | Blue litmus paper turned red because the substance is an acid. |

Question 10: True/False

2 marks

Tap water is neutral.

TRUE

FALSE

Total: 29 Marks